



# FACT SHEET



UNITED STATES AIR FORCE

## THE AIR FORCE FACILITY ENERGY MANAGEMENT TEAM

The Air Force energy and water conservation program is managed by the Air Force Civil Engineer Support Agency, Tyndall AFB, Fla. Its 18-person Energy Management Team is composed of functional experts in civil engineering, utilities, financial management, contracting and legal.

Working with energy managers at major commands and installations the Energy Management team's goal is to minimize energy consumption and costs on Air Force bases, while meeting mission objectives and providing quality working and living conditions for Air Force personnel and family housing occupants. The legal experts negotiate price rates on behalf of the Air Force to ensure reliable utility service at a fair and reasonable price.

Since 1985, the team has significantly reduced facility energy usage on installations by incorporating energy conservation practices into the daily fabric of the Air Force. Since that time, the Air Force has reduced energy use by more than 30 million Million British Thermal Units (MBTU). That's enough to power more than 20,000 average sized homes for 10 years.

A few years ago, the team began expanding its conservation efforts by investing in renewable energy sources such as wind power, solar power, biomass and geothermal. The Air Force is now the largest purchaser of renewable energy in the federal government. In 2005, the Air Force became the top purchaser of renewable energy in the United States and the third largest purchaser of green power in the world.



In addition to buying renewable energy, the Air Force has also begun green power generation. The Air Force operates a 2.4-megawatt wind farm on Ascension Island, a 1.3-megawatt wind farm at F.E. Warren AFB, Wyo., and has a 1.4-megawatt landfill gas project at Hill AFB, Utah. Construction on major solar projects is expected to begin on two Air Force installations this year.

*The Air Force Civil Engineer Support Agency is a field operating agency that reports to the Office of the Civil Engineer of the Air Force at Headquarters U.S. Air Force, Washington, D.C. The Agency provides tools, practices and professional support to Air Force civil engineers worldwide. Visit our website at <http://www.afcesa.af.mil>.*

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